



Fibers for Life.

Safety Data Sheet

Title: SDS- ARBOCEL- Cellulose Fiber- Technical Grades- 100, 105, 105B, 185, 230, 200, 83A, 483B, 483D, 566, ETF, JMC, JMM, FTP, FT, 5FT, GC66, GC10, GCW10, Road Cel, MP250

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Commercial Product Names: 100, 105, 105B, 185, 230, ROAD-CEL®, RC 328, 483B, 483B-C, ETF, JMC, JMM, FT, FTP, MP250, GC66, GC10, 5FT, GCW10, 566, MP250

Section 1- Identification- ARBOCEL® Cellulose Fiber Technical Grades

Description: Cellulose Fiber

Applicable to: All J. Rettenmaier USA LP **ARBOCEL® 100, 105, 105B, 185, 230, ROAD-CEL®, RC 328, 483B, 483B-C, ETF, JMC, JMM, FT, FTP, MP250, GC66, GC10, 5FT, GCW10, 566, MP250**

Supplier: J. Rettenmaier USA Schoolcraft, MI 49087

Phone: 269-679-2340

Recommended Use: Professional use as an industrial and technical ingredient

Restrictions on Use: None

Section 2- Hazard(s) Identification

GHS Pictogram: N/A

Warning: May form combustible dust concentrations in air.

Cellulosic fiber is considered a nuisance dust. Cellulosic fiber is combustible but will not readily ignite.

HMIS Rating: Health- 0; Reactivity- 0; Flammability- 1; Personal Protection- E

NFPA Rating: Health- 0; Flammability- 1; Reactivity- 0; Special- None

The material does not require registration in accordance with REACH, Annex IV and V.

Section 3- Composition/Information on Ingredients

Cellulose 65-100% CAS Number: 9004-34-6

Kaolin Clay 0-35% CAS Number: 1332-58-7

EC- Number (EINECS/ELINCS): Does Not Apply

Dangerous Ingredients: None

Section 4- First Aid Measures

General:

When symptoms persist or if in doubt, seek immediate professional medical advice. Chronic exposure may lead to dermatitis or respiratory sensitization.

Following Inhalation:

May irritate respiratory system. Persons with respiratory problems should avoid breathing dust. Use NIOSH approved respiratory mask for nuisance dust. For overexposure- remove to fresh air

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Skin contact:

For broken or sensitive skin wear protective gloves.
Wash dust from skin with soap and water.

Eye Contact:

May irritate eyes. Wear protective glasses or goggles.
Carefully and thoroughly flush from eyes with eye bath
or water.

Ingestion:

First aid measures normally not required for incidental
ingestion. Ingestion of larger amounts or material may
result in vomiting or diarrhea. Treat symptomatically.

Self-protection for first responders:

None

Section 5- Fire Fighting Measures

Suitable Extinguishing Techniques:

Apply water, foam, CO₂, Dry chemical powder

Special Firefighting Procedures:

Wear self contained breathing apparatus

Chemical Hazards From Fire:

Thermal decomposition may produce CO and CO₂.

Hazardous polymerization will not occur.

Section 6- Accidental Release Measures

Emergency Procedures:

None

Protective Equipment:

Skin, eye, ingestions controls (Section 4)

Method of Clean-Up:

Collect mechanically avoiding excessive dust
generation. Sweeping should be avoided to prevent the
formation of dust clouds and static electricity discharge
(ignition source).

Disposal:

Dispose of in solid waste landfill in accordance with all
applicable federal, state and local regulations.

Section 7- Handling & Storage

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Handling:

Material is combustible. In case of open handling, use devices with built-in aspiration where possible.

Measures to Prevent Dust Accumulation:

Explosive dust/air mixtures may form. Provide sufficient ventilation. Provide local aspiration where dust is likely to occur. Accumulated dust should be immediately vacuumed.

Storage:

Material is combustible. Do not store near heat or open flame.

Store in original packaging. Keep dry.

Material is stable for five years when stored under these conditions.

Section 8- Exposure Controls

NIOSH REL:

TWA 10 mg/m³ (Total) TWA 5 mg/m³ (resp)

OSHA PEL:

TWA 15 mg/m³ (Total) TWA 5 mg/m³ (resp)

Engineering Controls:

Adequate ventilation and local aspiration

Respiratory Protection:

NIOSH approved respiratory mask for nuisance dust

Eye Protection:

Protective glasses or goggles

Hand / Skin Protection:

No special hand protection required. Barrier gloves or protective clothing should be used to minimize contact with sensitive skin.

Section 9- Physical and Chemical Properties

Physical State:

Solid- Fibrous Powder

Color:

White, grey, and brown

Odor:

Neutral

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Thermal Decomposition:	Approximately 200°C
Auto-Ignition:	Approximately 500°C
pH:	Neutral to slightly acidic (5.0 – 7.5)
Melting point/melting range:	Does Not Apply
Boiling point / boiling range:	Does Not Apply
Flash Point:	Undetermined
Flammability:	Combustible but will not readily ignite
Explosion Hazard:	Explosive dust/air mixtures can form
Lower Explosion Limit:	Approximately 30 g/m ³
Upper Explosion Limit:	Undetermined
Oxidizing Characteristics:	Non-oxidizing
Vapor Pressure:	Does Not Apply
Vapor Density:	Does Not Apply
Density:	50-300 grams/Liter
Solubility in Water:	Insoluble in water
Solubility in Oil:	Insoluble in oil

Section 10- Stability and Reactivity

Conditions to Avoid: Exposure to temperatures near or above 200°C
Exposure to open flames

Materials to Avoid: None

Hazardous Decomposition Products: Thermal decomposition may produce CO and CO₂.

Section 11- Toxicological Information

Acute Toxicity:	No acute toxicity
Chronic Exposure:	May lead to dermatitis or respiratory sensitization.
Specific Symptoms in Lab Animals:	Does Not Apply
Routes of Exposure / Symptoms:	Skin- may irritate sensitive skin Eyes- may irritate eyes Respiratory- may irritate respiratory system
Cancer, Mutagenicity, Reproductive Toxicity:	Not listed as a carcinogen. No current National Toxicology Program, IARC or OSHA involvement currently recorded. Not listed on the State of California Proposition 65 list

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of chemicals known to the State to cause cancer or reproductive toxicity.

Section 12- Ecological Information

Physical/Chemical Elimination:

Material is insoluble in water. Remove from water mechanically.

Biodegradation:

Material is biodegradable.

PBT, vPvBT Assessment:

Material does not meet the criteria for classification as Persistent Bioaccumulative Toxic Chemical (PBT) or very Persistent very Bioaccumulative Toxic Chemical (vPvBT) under REACH regulations.

Harmful Effects:

No known harmful effects. Negative ecological effects are not expected.

Section 13- Disposal Considerations

Appropriate Disposal:

Dispose of in solid waste landfill in accordance with all applicable federal, state and local regulations.

Section 14- Transport Information

All Transports:

No limitations, special markings not required

Section 15- Regulatory (USA)

SARA Title III:

Section 311 Hazard Categories (40CFR 370)- None
Material does not contain any toxic chemical subject to reporting under the requirements of Section 313- Reportable Ingredients

Toxic Substances Control Act (TSCA):

Cellulose 9004-34-6 and Kaolin Clay 1332-58-7 are on the TSCA List as an existing chemical in US commerce. It is not subject to TSCA Pre-Market Notification requirements. There are no limitations on manufacture or use.

State of California Proposition 65:

Not on the list of chemicals known to the State to cause cancer or reproductive toxicity.

Canada Domestic Substance List (DSL):

Approved for importation and intended use in all product applications.

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Section 16- Other Information

Document Information:

Refer to document header

JRSUSA

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